

Attachment 5

Laboratory reports for
NPDES monitoring

Laboratory Quality Control Reports



LTS ENVIRONMENTAL, INC.

Beta Offshore
111 W. Ocean Blvd., Suite 1240
Long Beach, Ca 90802

November 7, 2019

Attn: Diana Lang

Quarterly NPDES chlorine residuals on the non-contact cooling water outlet were as follows:

Sample Date / Time	Location	Total Chlorine Residual (EPA Method 330.5) <u>End of Pipe</u>
October 22, 2019 @ 0800 hrs	Platform Elly Non-Contact Cooling Water Exchanger	0.10 mg/l
LTS Meter S/N: 041200088375		Method Blank < 0.05 mg/l (MDL)

Technician: Konrad Pala

S.G. Lawry
Environmental Specialist / LTS



LTS ENVIRONMENTAL, INC.

October 18, 2019

Quality Control

As part of the annual in-house quality control chlorine meter check and to ensure proper operation of the meters, LTS Environmental Inc. performed a total residual chlorine test with a known value obtained from Sigma-Aldrich Corporation. Results of this test are as follows:

Test Date October 18, 2019	Total Residual Chlorine (EPA Method 330.5)
LTS meter (SN 041200088375)	1.1 mg/l
Acceptance Limits	0.917 mg/l – 1.14 mg/l
Certified Value	1.03 mg/l \pm 0.00157
Sigma-Aldrich Corporation test sample (QC1065-2ml. Lot LRAB2313)	
LTS Lead Technician: Konrad Pala	Method Blank < 0.05 mg/l

S.G. Lawry
Environmental Specialist
President, LTS Environmental, Inc.